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1868-9

Agricultural College of Pennsylvania.

CIRCULAR

For the Academic Year 1868-9.

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Professor of Botany, and Human Anatomy and Physiology.

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Professor of General and Agricultural Chemistry.

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Instructor in Mathematics and Engineering.

HON. SAMUEL LINN, *President Judge Twenty-fifth Judicial District*,
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Attending Physician, and Lecturer on Hygiene.

MILITARY INSTRUCTOR.—Vacancy.

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Teacher of Mathematics and of English Branches in Grammar School.

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Superintendent of the College Farm and Business Manager.

J. H. KELTON,
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POST OFFICE.—Agricultural College, Centre county.

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CIRCULAR.

AGRICULTURAL COLLEGE OF PENNSYLVANIA,

June 3, 1868.

The act of Congress of July the 2d, 1862, which grants land-scrip to the several States for the support of Agricultural Colleges, requires that all institutions which receive the benefit of that endowment shall have for their *leading object* to give instruction in *Agriculture* and the *Mechanic Arts*, and that they shall moreover make provision for teaching the Military Tactics and Army Regulations of the United States. To meet these requirements, the Agricultural College of Pennsylvania made as extensive and thorough provisions as its finances permitted, while it had no endowment, and depended for support solely upon the insufficient income arising from students' fees. It instituted thorough courses of instruction in Agriculture, in General Science, and in Military Tactics, but from want of adequate funds it could give only partial instruction in the branches relating to the Mechanic Arts. Now that the income arising from the land-scrip granted by Congress to the State of Pennsylvania has been appropriated to this College by the act of Assembly of February 19th, 1867, the Trustees are enabled to adopt the requisite measures to make the College, in all essential points, fully respond to the object and requirements of the act of Congress. To this end, they have added and made provision for a thorough course of instruction in Mechanical and Civil Engineering, in the interests of the Mechanic Arts. It will thus

be seen that the Agricultural College of Pennsylvania is now efficiently organized as a SCIENTIFIC SCHOOL of a high order, in the educational interests of *industrial life*.

The Faculty have been selected with a scrupulous regard to the thorough performance of the educational work which the College has at present undertaken, and to the amount of the funds placed at the disposal of the Board of Trustees. Additions of *Professors*, of *courses of study*, and of *apparatus of instruction* will be made as they become necessary, for it is the purpose of the Board to make the College serve efficiently and in a liberal spirit the end for which it has received, from the State, the endowment granted by Congress.

To ensure greater success in training students to habits of original observation and research, the Trustees have, on the recommendation of the Faculty, adopted a parallel course of systematic Laboratory and Field Practice, in connection with each of the sciences which receive special attention in the several courses, and in addition to the usual instruction given in these sciences in the class-room.

In pursuance of the measures adopted by the Board of Trustees, the College Department now comprises the following separate courses of instruction, any one of which candidates for admission may select, in accordance with the wishes of their parents or guardians, viz :

A course in General Science, leading to the Degree of Bachelor of Science.

A course in Agriculture, leading to the Degree of Bachelor of Agriculture.

A course in Mechanical and Civil Engineering, leading to the Degree of Civil Engineer.

A course in Literature, leading to the Degree of Bachelor of Arts.

COURSE IN GENERAL SCIENCE.

FRESHMAN CLASS.

FIRST TERM.

Algebra.
 English—General Grammar, Composition, and Elocution.
 Human Anatomy and Physiology.
 Modern History.

SECOND TERM.

Geometry.
 English—General Grammar, Composition, and Elocution.
 Botany.
 Human Anatomy and Physiology.
 Ancient History.

PRACTICUM DURING THE YEAR.

Elementary Laboratory Practice in Chemistry.
 Laboratory and Field Practice in Botany.

SOPHOMORE CLASS.

FIRST TERM.

Economic Botany—Lectures.
 Zoology.
 Trigonometry, Surveying and Levelling.
 Principles and Practice of Road Making.
 English—Etymology, Composition, and Original Declamations.
 Drawing.

SECOND TERM.

Zoology.
 Analytical Geometry.
 Descriptive Geometry and Perspective.
 English—Synonymes, Composition, and Original Declamations.
 Drawing.

PRACTICUM DURING THE YEAR.

Laboratory and Field Practice in Zoology and Botany.
 Office and Field Practice in Surveying, Levelling, and Road Making.

JUNIOR CLASS.

FIRST TERM.

Physics.
 Mechanics.
 Physical Geography and Geology.
 English Literature and History of the English Language.

SECOND TERM.

Physics.
 Mechanics.
 Geology.
 Logic.
 English Literature, Prosody, and History of the English Language.

PRACTICUM DURING THE YEAR.

Laboratory and Field Practice in Geology.
 Higher Laboratory Practice in Chemistry.

SENIOR CLASS.

FIRST TERM.

Political Economy.
 Rhetoric.
 English Drama and History of English Literature.
 Mental Philosophy.
 Astronomy.
 General Chemistry—Lectures, with Experiments.

SECOND TERM.

Civil Liberty and Self-Government.
 Constitution of the United States.
 Moral Philosophy.
 Astronomy.
 English Poetry and History of English Literature.
 General Chemistry—Lectures, with Experiments.

PRACTICUM DURING THE YEAR.

Office and Field Practice in Astronomy.
 Laboratory and Field Practice, in connection with special studies in Zoology, Geology, and Botany.

COURSE IN AGRICULTURE.

JUNIOR CLASS.

FIRST TERM.

Human Anatomy and Physiology.
 English—General Grammar, Composition, and Elocution.
 Algebra.
 Modern History.

SECOND TERM.

Botany.
 Human Anatomy and Physiology.
 Geometry.
 English—General Grammar, Composition, and Elocution.
 Ancient History.

PRACTICUM DURING THE YEAR.

Laboratory and Field Practice in Botany.
 Elementary Laboratory Practice in Chemistry.

MIDDLE CLASS.

FIRST TERM.

Agriculture—Physical and Chemical characters of Soils, Tillage, Drainage, &c.
 Zoology.
 Trigonometry, Surveying, and Levelling.
 Principles and Practice of Road Making.
 English—Etymology, Composition, and Original Declamations.
 Drawing.
 Economic Botany—Lectures.

SECOND TERM.

Agriculture — The Nutrition of Plants.
 Farm Manures, method of collecting and managing.
 Artificial Manures.
 Zoology.
 English—Synonymes, Composition, and Original Declamations.
 Drawing.

PRACTICUM DURING THE YEAR.

Management of Manures and Field Practice in Agriculture.
 Laboratory and Field Practice in Zoology and Botany.
 Office and Field Practice in Surveying, Levelling, and Road Making.

SENIOR CLASS.

FIRST TERM.

Agriculture—Character and Management of Grain, Forage, Root, Tuber and Fibre *Crops*.
 Rotation of Crops.
 The Management, Breeding, Fattening, &c., of Stock.
 Physics.
 Mechanics.
 Physical Geography and Geology.

SECOND TERM.

Agriculture—Management of Stock, continued.
 Farm Buildings.
 Agricultural Implements.
 Physics.
 Geology.
 Agricultural Law.

PRACTICUM DURING THE YEAR.

Laboratory Practice in Analysis of Manures and of Agricultural Products.
 Field Practice in Agriculture.

COURSE IN MECHANICAL AND CIVIL ENGINEERING.

FRESHMAN CLASS.

FIRST TERM.

Algebra.
Human Anatomy and Physiology.
English—General Grammar, Composition, and Elocution.

SECOND TERM.

Geometry.
Botany.
Human Anatomy and Physiology.
English—General Grammar, Composition, and Elocution.

PRACTICUM DURING THE YEAR.

Laboratory and Field Practice in Botany.
Elementary Laboratory Practice in Chemistry.
Laboratory Practice in Mensuration, Graduation of Scales, Verniers, &c.

SOPHOMORE CLASS.

FIRST TERM.

Economic Botany—Lectures.
Trigonometry, Surveying, and Levelling.
Principles and Practice of Road Making.
Zoology.
English—Etymology, Composition, and Original Declamations.
Drawing.

SECOND TERM.

Analytical Geometry.
Descriptive Geometry and Perspective.
Zoology.
English—Synonymes, Composition, and Original Declamations.
Drawing.

PRACTICUM DURING THE YEAR.

Laboratory and Field Practice in Zoology and Botany.
Office and Field Practice in Surveying, Levelling, and Road Making.

JUNIOR CLASS.

FIRST TERM.

Physics.
Calculus.
Mechanics.
Geodesy.
Physical Geography and Geology.
Drawing.
English Literature and History of the English Language.

SECOND TERM.

Physics.
Calculus.
Mechanics.
Geodesy.
Geology.
Drawing.
English Literature, Prosody, and History of the English Language.

PRACTICUM DURING THE YEAR.

Office and Field Practice in Topographical Surveying.
Higher Laboratory Practice in Chemistry.

SENIOR CLASS.

FIRST TERM.

Analytical Mechanics.
Machines.
Constructions.
Astronomy.
Political Economy.
Drawing.
General Chemistry—Lectures, with Experiments.

SECOND TERM.

Analytical Mechanics.
Machines.
Constructions.
Astronomy.
Civil Liberty and Self-Government.
Constitution of the United States.
Drawing.
General Chemistry—Lectures, with Experiments.

PRACTICUM DURING THE YEAR.

Office and Field Practice in Engineering and Practical Astronomy.
Office Practice in Designs, Models, and Charts.

COURSE IN LITERATURE.

FRESHMAN CLASS.

FIRST TERM.

Livy. Latin Prose Composition.
 Cyropædia. Greek Prose Composition.
 Algebra.
 English—General Grammar, Composition, and Elocution.
 Human Anatomy and Physiology.

SECOND TERM.

Horace's Odes. Metrical Exercises and Latin Prose Composition.
 Herodotus. Greek Prose Composition.
 English—General Grammar, Composition, and Elocution.
 Geometry.
 Botany.
 Human Anatomy and Physiology.

SOPHOMORE CLASS.

FIRST TERM.

Cicero De Officiis. Latin Composition.
 Demosthenes. Select Orations.—Greek Composition.
 Trigonometry, Surveying, and Levelling.
 Zoology.
 English—Etymology, Composition, and Original Declamations.
 Economic Botany—Lectures.

SECOND TERM.

Horace. Epistles and Satires. Latin Composition.
 Thucydides. Greek Composition.
 Descriptive Geometry and Perspective.
 Zoology.
 English—Synonymes, Composition, and Original Declamations.

JUNIOR CLASS.

FIRST TERM.

Tacitus. Latin Composition.
 Oedipus. Tyrannus. Greek Composition.
 English Literature. History of the English Language.
 Geology.
 Physics.
 Mechanics.

SECOND TERM.

Juvenal.
 Plato.
 English Literature. Prosody. History of the English Language.
 Logic.
 Geology.
 Physics.
 Mechanics.

SENIOR CLASS.

FIRST TERM.

Cicero pro Cluentio.
 Prometheus of Æschylus.
 Rhetoric. English Drama. History of English Language and Literature.
 Political Economy.
 Mental Philosophy.
 Astronomy.
 Chemistry—Lectures, with Experiments.

SECOND TERM.

History of Roman Classical Literature.
 History of Greek Classical Literature.
 English Poetry. History of English Language and Literature.
 Moral Philosophy.
 Astronomy.
 Chemistry—Lectures, with Experiments.

REMARKS ON THE FOREGOING COURSES.

COURSE IN GENERAL SCIENCE.—It is the design of this COURSE to give to the student, who pursues it, such a theoretical and practical knowledge of *Man* and of the *External World*, as will enable him to meet intelligently

and successfully the requirements of life. The extent and thoroughness of the instruction given in *Botany*, *Zoology*, *Chemistry*, and *Human Anatomy and Physiology*, make this COURSE a better preparation for the *Medical Profession* than is afforded by most *Literary* or *Scientific Schools*.

COURSE IN AGRICULTURE.—It is the design of this COURSE to give to the student, who pursues it, a *comprehensive* and *thorough* knowledge of Agricultural *principles* and *methods*, and thus to correct and enlarge the practical knowledge which is imparted on the *Model* and *Experimental Farm*. By uniting the knowledge imparted in the class-room with field practice and experiments, this COURSE, it is confidently believed, is well calculated to prepare the student for becoming an intelligent and successful farmer.

COURSE IN MECHANICAL AND CIVIL ENGINEERING.—In addition to the ample theoretical and practical knowledge imparted in the recitations and the practicum of this COURSE, the student enjoys the great advantage of studying, under the guidance of his instructor, the mechanical principles involved in the structure and operations of the following WORKS, which are located in the vicinity of the College, viz: *The Oak Hall Woollen Factory*, *The Bellefonte Water Works*, *Gas Works*, *Glass Works*, *Steam Planing Mills*, *Steam Flouring Mills*, *Smelting Furnaces*, *Forges*, *Foundries*, and *Steel Wire Works*, *The Snow Shoe Coal Mines*, and numerous other works, which are in successful operation, in the thriving industrial region, in the midst of which the College is situated.

COURSE IN LITERATURE.—It is a special aim, in this COURSE, to enable the student, by means of daily exer-

cises in *oral* and *written* composition, to *speak* and *write* correctly the several languages embraced in the Course.

APPARATUS OF INSTRUCTION.

The College has three Laboratories for the use of students in Chemistry—a large one for beginners, and two smaller ones for advanced students, each of which is provided with suitable conveniences for Laboratory work.

There are other rooms provided with the requisite appliances for the prosecution of Scientific Agricultural investigations.

To the department of Agriculture there is attached a Model and Experimental Farm, on which experiments will be instituted to investigate various points connected with Practical Agriculture.

The College has also

THE STATE GEOLOGICAL COLLECTION.

Collections for instruction in Crystallography and Mineralogy.

Charts for instruction in Geology.

Globes and Mural Maps, for instruction in Physical Geography.

Skeletons, articulated and disarticulated, for instruction in Human Anatomy and Physiology.

Diagrams to illustrate Human Anatomy and Physiology.

Dr. Pugh's European Herbarium.

An Air Pump, Electrical Machine, &c.

A very superior assortment of Apparatus and other appliances for Class-room and Laboratory instruction in Chemistry.

A Surveyor's Compass, Chains, and Pins.

A Railroad Transit, Railroad Level, and Graduated Staff.

A Mason & Hamlin's Organ.

The use of Prof. Henry James Clark's private Zoological Collection.

The use of Prof. J. T. Rothrock's private Herbarium, containing fifteen thousand species.

To the foregoing, additions will be made from time to time, the Trustees having ordered that an annual appropriation be made for that purpose.

REMARKS ON SPECIAL STUDIES.

The student is thoroughly exercised in the practical applications appropriate to the different branches, both of Literature and Science. In CHEMISTRY, he is made acquainted, by actual practice in the Laboratory, with the principles and methods of qualitative and quantitative Analysis, especially as applied to *soils, waters, fertilizers, ores*, vegetable and animal products, and some of the more important products obtained in the Arts. In APPLIED MATHEMATICS, he is instructed in the theory, adjustment, and use of instruments, and in the methods of procedure, by actual practice in Surveying, Levelling, Road Making, and Astronomy.

HUMAN ANATOMY AND PHYSIOLOGY.—These studies run through one year. To render clear the teachings of the class-room, skeletons, articulated and disarticulated, first class anatomical charts, and the microscope are employed. *These adjuncts are now in possession of the College.*

The bearings of the class-room exercises are eminently practical. To such students as have completed the prescribed course in Anatomy and Physiology, lectures on *Hygiene* are delivered by Dr. J. Y. Dale, the attending physician of the College. At least one such course is delivered yearly.

BOTANY.—The Botanical course extends over one year, Students, after having acquired a sufficient knowledge of *Structural Botany*, are required to make practical application of it in studying the plants of the district.

At least four hours a week, during the entire year, will be given to *Analysis* of plants. To such students as have completed this course of study, lectures are delivered on Economic Botany. In these lectures, the weeds and useful plants of cultivation, the native Flora and the Plants of commerce, with their natural history, modes of preparation and adulteration, and their general relation to the wants of man, are treated of.

Students who have shown an aptitude for the work, and who wish to prosecute this study further, have (under certain restrictions) access to the Library and Herbarium of the Professor of Botany, and also have the benefit of his personal supervision in their studies.

Diagrams and microscopes are used to illustrate the teachings of the class-room.

Throughout, the aim is to give a thoroughly practical turn to the studies of this department.

ZOOLOGY AND COMPARATIVE ANATOMY.—Students who have completed the course in Human Anatomy and Physiology, enter next upon the study of the Comparative Anatomy and Physiology of the brute creation, and in this way become acquainted with the structure and qualities of those animals which are of immediate service to man, and of those which are obnoxious to the household and to the cultivator of the soil. Particular emphasis is laid upon the habits of insects injurious to vegetation, and of those creatures which affect the health of domestic stock. For students who desire to pursue a special course in Zoology, with a view to becoming professional naturalists, laboratory room and material are

provided after they have completed the Course of General Science in this Institution, or upon furnishing sufficient evidence that they possess the requisite amount of preliminary knowledge which may fit them for commencing the study of the higher branches of Zoology and Comparative Anatomy. Special instruction in the use of the Microscope is also given to those who desire it.

GEOLOGY.—In this Course, the particular application of Mineralogy, to the determination of the general character and properties of rocks, is made manifest.

The mode of occurrence and localization of the metals, gold, silver, copper, iron, lead, &c., are taught; and the origin of coal, and its relation to the surrounding rocks, are described, for the information of those who intend to devote themselves to mining interests.

The study of the higher branches of Zoology and Comparative Anatomy, is specially adapted to the subsequent pursuit of a course in *Paleontology*—a knowledge of all three of these branches being absolutely indispensable to the student, for becoming an authority in the last one mentioned.

TERMS OF ADMISSION.

Candidates for admission to the Freshman Class in General Science, and in Mechanical and Civil Engineering, and to the Junior Class in Agriculture, must have attained the age of sixteen years, and will be examined in the following subjects, viz :

Arithmetic.

Algebra, through Simple Equations.

English Grammar.

The History of the United States.

Elementary Political and Physical Geography.

Elementary Natural Philosophy.

CANDIDATES for admission to the Freshman Class of the Course of Literature, must have attained the age of sixteen years, and will be examined in the following books and subjects, or their equivalents, viz:

Arithmetic.

Algebra, through Simple Equations.

English Grammar.

Geography.

Harkness' Latin Grammar and Latin Reader.

Cæsar De Bello Gallico.

Cicero.—Select Orations.

Virgil.—The Bucolics and the first four books of the *Æneid*.

Latin Prosody.

Hadley's Greek Grammar.

Whiton's Companion Book.

Xenophon's *Anabasis*.

Homer's *Iliad*, four books.

All candidates for advanced standing, whether from other Colleges or not, in addition to the preparatory studies, will be examined in those previously pursued by the Classes which they propose to enter. Those coming from other Colleges will be required to produce certificates of dismissal in good standing.

Testimonials of good moral character, signed by the student's last teacher, will in all cases be required. Failure to produce such testimonials must be satisfactorily accounted for by the parent or guardian; and testimonials signed by a person of good repute in the community, and well acquainted with the student, must be produced.

GRAMMAR SCHOOL.—To meet the wants of students who are too young, or who are not sufficiently far advanced, to enter the lower class in any of the courses of instruction in the College Department, a Grammar School has been instituted, and provision has been made for two elementary courses of instruction, viz: a General Course and a Classical Course, the former introductory to the Scientific Course, and the latter to the Literary Course of the College.

GENERAL COURSE.

JUNIOR CLASS.

FIRST TERM.	SECOND TERM.
English.	Arithmetic.
Arithmetic.	English.
Geography.	Elementary Botany.
Elementary Natural Philosophy.	History of the United States.

SENIOR CLASS.

FIRST TERM.	SECOND TERM.
Algebra.	Algebra.
Elementary Chemistry.	Elementary Physiology.
English.	English.
Elementary Physical Geography.	Elementary Geology.

CLASSICAL COURSE.

JUNIOR CLASS.

FIRST TERM.	SECOND TERM.
English.	English.
Arithmetic.	History of the United States.
Geography.	Arithmetic.
Latin Grammar and Reader.	Ancient Geography.
Greek Grammar and Reader.	Latin Grammar and Prose Composition.
	Cæsar.
	Greek Grammar and Reader.

SENIOR CLASS.

FIRST TERM.	SECOND TERM.
Algebra.	Algebra.
English.	English.
Latin Prose Composition.	Virgil and Latin Prosody.
Cicero.—Select Orations.	Homer's Iliad and Greek Prosody.
Greek Grammar.	Latin Prose Composition.
Xenophon's Anabasis.	Greek Prose Composition.
Greek Prose Composition.	Elementary Physiology.

Applicants for admission to either of the Junior Classes in the Grammar School, must have attained the age of fourteen years, and will be examined in Reading, Writing, and in the rudiments of Geography and of English Grammar.

Applicants for admission to this department are also required to produce testimonials of good moral character, signed by their last teacher.

GYMNASIUM.—The students of the Grammar School are required to take exercise one hour daily in a Gymnasium provided for their use.

MILITARY INSTRUCTION.—The College has received a large supply of arms and accoutrements from the Ordnance Department of the State of Pennsylvania, and one hour daily is given to Military Instruction. The students of the College Department, such as have conscientious scruples excepted, are required to go through the course of Military Instruction, and to provide themselves with a fatigue suit of dark blue cloth, to consist of a single breasted jacket, a vest, trousers, and regulation cap, with brass buttons of the pattern of the State of Pennsylvania.

EXPENSES IN COLLEGE DEPARTMENT.

Board and Room Rent.....	\$90 00	per Term of 20 weeks.
Tuition	30 00	“ “
Washing	5 00	“ “
Fuel	5 00	“ “
	130 00	

EXPENSES IN GRAMMAR SCHOOL DEPARTMENT.

Board and Room Rent.....	\$90 00	per Term of 20 weeks.
Tuition.....	20 00	“ “
Washing.....	5 00	“ “
Fuel	5 00	“ “
	120 00	

These bills must be paid in advance on entering. A strict compliance with this rule is required.

Candidates for admission are required to pay, on *entering the College Department*, a matriculation fee of \$5 00.

At the beginning of every term, the sum of \$5 00 must be deposited with the Business Manager, as security against damages. This deposit will be re-paid at the close of each term, subject to a deduction for whatever assessment may be levied to cover damages.

Students are required to furnish their rooms. A bedstead, a mattress, chair, table, and washstand, can be procured from the College, on depositing with the Business Manager a sum equal to their appraised value. When the student ceases to be a member of the College, the deposit will be re-paid, subject to a deduction of 25 per cent., if the furniture be returned in good condition; otherwise, so much of the deposit will be retained as will compensate the College for the injury done to its property.

The students of the Junior Class in the Course in General Science and Engineering, and of the Senior Class in the Course of Agriculture, require from thirty to fifty dollars' worth of apparatus for use in the Laboratory. Most of this, when returned in good condition, will be taken back at a reduction of twenty-five per cent. on first cost. The chemicals will cost from twenty-five to thirty dollars.

Books and stationery can be procured from the College at city retail prices.

BOARDING, &C.—Students who have their parents' consent to room and board with families near the College, are permitted to do so, subject to the approval of the Faculty. Furnished room and board can be procured at prices varying from four to five dollars per week.

EXAMINATIONS.—Public Examinations of the Classes are held at the close of each term, on the studies of the term, and at the close of the year, on all the studies of the year. The *Annual* Examinations are conducted wholly in writing.

Examinations for admission are held on the Wednesday, Thursday and Friday immediately preceding Commencement, or at the opening of the succeeding term.

RELIGIOUS EXERCISES.—Devotional exercises are held in the College Chapel every morning, and all the students are required to be present.

Religious services are held in the College Chapel every Sabbath afternoon, and all the students are required to attend, except such as may have special permission to attend worship elsewhere. Such permission can be obtained only by presenting to the President a written request therefor from the parent or guardian.

LABOR RULE.—Students who may desire it, have the privilege of diminishing their expenses by working for the College in whatever capacity their labor may be deemed serviceable. The student will receive adequate compensation for the labor performed in pursuance of this rule.

DEGREES.—The Degree of Bachelor of Science is conferred on students who have completed the course in General Science, have passed a satisfactory examination at the end of the course, and have prepared a dissertation on some scientific subject, approved by the Faculty.

The Degree of Bachelor of Agriculture is conferred on students who have completed the course in Agriculture, have passed a satisfactory examination at the end of the course, and have prepared a dissertation on some Agricultural subject, approved by the Faculty.



The Degree of Civil Engineer is conferred on students who have completed the course in Mechanical and Civil Engineering, have passed a satisfactory examination at the end of the course, and have prepared a dissertation on some subject connected with Mechanical and Civil Engineering, approved by the Faculty.

The Degree of Bachelor of Arts is conferred on students who have completed the course in Literature, have passed a satisfactory examination at the end of the course, and have prepared a dissertation on some Literary subject, approved by the Faculty.

RESIDENT GRADUATES.—To all graduates of this College is accorded the privilege either of reviewing studies in the under-graduate course, or of pursuing any specialty, for which they laid the foundation in the under-graduate course, *free of charge for Tuition*.

To students who graduate at this College, in the departments of Agriculture, and Mechanical and Civil Engineering, having sustained *a high standing for scholarship and conduct* throughout the last two years of their under-graduate course, the honorary privilege is accorded of pursuing a Resident Graduate course in their respective specialties, occupying two years, *free of all charges* for Tuition, Boarding, Room Rent, Washing, and Fuel.

COLLEGE TERMS AND VACATIONS.—The College year is divided into two Terms of twenty weeks each. Commencement is held on the first Wednesday of June. After a vacation of eight weeks, the first Term of the next College year begins on Wednesday, and continues twenty weeks. After a vacation of four weeks, including the Christmas holidays, the second Term will begin in January, on the Wednesday twenty weeks before Commencement.

COLLEGE LIBRARY.—The Library contains a large collection of literary and scientific works, with maps, diagrams, and charts, all of which are accessible to students. For its increase, an annual appropriation is made by the Board of Trustees.

SOCIETIES.—Two Literary Societies, the Cresson and the Washington, have been in operation since the organization of the College. Each has a library, and a commodious, well furnished room for its meetings.

LOCATION OF THE COLLEGE.—The College is located in Centre county, Pa., ten miles S. S. W. of Bellefonte, the county seat, and may be reached,

1st. By the Pennsylvania Railroad to Spruce Creek or Tyrone.

From Spruce Creek, a stage coach leaves on Tuesdays, Thursdays, and Saturdays, passing the College for Bellefonte, and returns on intermediate days.

From Tyrone, cars run twice a day to Bellefonte, from which place the College is readily accessible by stage or by livery accommodations.

2d. By the Philadelphia and Erie Railroad to Pottsville; thence by railroad to Bellefonte, and to the College as just mentioned.

CALENDAR.

1868. July 29th. First Term begins.

“ December 16th. First Term ends.

VACATION.

1869. January 13th. Second Term begins.

“ June 2d. Commencement. Second Term ends.

